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DOCKET NO.: MS306750.1/MSFTP584US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: **Eric D. Brill, et al.**  
Serial No.: **10/796,378**  
Filed: **March 9, 2004**  
For: **USER INTENT DISCOVERY**  
Art Unit: **Unknown**  
Examiner: **Unknown**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, Virginia 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120; or (c) U.S. Patent(s) and published applications(s) since the subject application was filed after June 30, 2003.

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a)  Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b)  Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a)  Within 3 months of the filing date or date of entry into the National Stage.

(b)  Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.

(c)  After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1)  The required certification is given below, or

(2)  Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3)  Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063.

(d)  After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1)  Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2)  Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.

4. Certification (if applicable)

(a)  The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b)  The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By Jeffrey R. Sadlowski  
Jeffrey R. Sadlowski  
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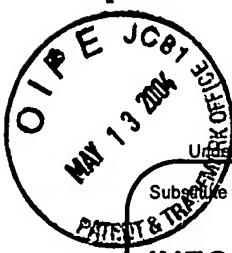
CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, Virginia 22313-1450.

Date: 5-11-2004

Jeffrey R. Sadlowski

Jeffrey R. Sadlowski



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(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	MS306750.1/MSFTP584US
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### Complete if Known

Application Number	10/796,378
Filing Date	03/09/04
First Named Inventor	Eric D. Brill
Art Unit	Unknown
Examiner Name	Unknown

### NON PATENT LITERATURE DOCUMENTS

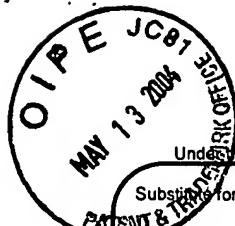
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		BODO BILLERBECK, et al., Query Expansion using Associated Queries, Proceedings of the twelfth international conference on Information and knowledge management, 2003, pp. 2-9, New Orleans, Louisiana, USA.	
		ANDREI BRODER, A Taxonomy of web search, IBM Research, 2002, 8 pages.	
		SUSAN DUMAIS, et al., Optimizing Search by Showing Results in Context, SIGCHI'01, 2001, pp. 277-284, Seattle, Washington, USA.	
		SUSAN DUMAIS, et al., Hierarchical Classification of Web Content, SIGIR 2000, 2000, pp. 256-263, Athens, Greece.	
		DOUG BEEFERMAN, et al., Agglomerative clustering of a search engine query log, KDD 2000, 2000, pp. 407-416, Boston, Massachusetts, USA.	
		ANTON LEUSKI, et al., Details of Lighthouse, University of Massachusetts, 2000, pp. 1-15, Amherst, Massachusetts, USA.	
		OREN ZAMIR, et al., Grouper: A Dynamic Clustering Interface to Web Search Results, University of Washington, 1999, 15 pages, Seattle, Washington, USA.	
		JAIME CARBONELL, et al., The Use of MMR, Diversity-Based Reranking for Reordering Documents and Producing Summaries, SIGIR'98, 1998, pp. 335-336, Melbourne, Australia.	
		SERGEY BRIN et al., The Anatomy of a Large-Scale Hypertextual Web Search Engine, Stanford University, 1998, pp.1-18.	

Examiner Signature		Date Considered	
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### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BODO BILLERBECK, et al., Query Expansion using Associated Queries, Proceedings of the twelfth international conference on Information and knowledge management, 2003, pp. 2-9, New Orleans, Louisiana, USA.	
		ANDREI BRODER, A Taxonomy of web search, IBM Research, 2002, 8 pages.	
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